IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee:	Canada et al.
Patent No.:	5,633,811
Issued:	May 27, 1997

REQUEST FOR CERTIFICATE OF CORRECTION

Certificates of Corrections Branch
Office of Patent Publication
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.323, assignee CSI Technology, Inc., through its attorneys, respectfully requests that a Certificate of Correction be issued in the above-referenced patent.

The errors occurred as a result of typographical errors on the part of the patentee and attorneys prosecuting the application and include the following:

In claim 12, the formula should be "$Y(z)=X(z)+(1-z^{-1})^3Q^3(z)$" instead of "$Y(z)=X(z)+(1-Z^{-1})^3Q^3(Z)$". The negative sign on the second exponent and capital "Z"'s were included by mistake and the equation as it appears in the claim does not accord with the equation as it is set forth in the specification at Column 8, Line 55. The equation represents a known transfer function of a sigma delta loop. Further support for the corrected form of the equation can be found in the "DSP-Motorola Digital Signal Processors: Principles of Sigma-Delta Modulation for Analog-to-Digital Converters" article included with the IDS filed for the application.

In claim 26, column 23, line 39, the formula should be "$e^{2\pi(F0)/(Fs)}$" instead of "$e^{2\pi(f0)/(fs)}$" and "fs" should be "Fs". On line 40, "f0" should be "F0". The formula appears correctly in column 4, line 2 of the specification. The errors with regard to the parenthesis and capitalization were unintentional typographical errors.

In claim 28, column 24, line 37, the formula should be "$e^{2\pi(F0)/(Fs)}$" instead of "$e^{2\pi(f0)/(fs)}$" and "fs" should be "Fs". On line 38, "f0" should be "F0". The formula appears correctly in column

4, line 2 of the specification. The errors with regard to the parenthesis and capitalization were unintentional typographical errors.

In claim 41, the formula should be "$Y(z)=X(z)+(1-z^{-1})^n Q^n(z)$" instead of "$Y(z)=X(z)+(1-Z^{-1})^n Q^n(Z)$". The negative sign on the first exponent and the capital "Z"'s were included in the formula by mistake as set forth above. It is believed that the incorrect formula from claim 12 was probably block copied to claim 41 during the drafting of the application.

A Certificate of Correction incorporating the above delineated changes is enclosed in duplicate herewith.

The petition fee of $100 is paid herewith. Should proper payment not be enclosed, the check be in the wrong amount, or otherwise improper or entirely missing, please charge the unpaid amount or credit the overage to our Deposit Account No. 12-2355. Two photocopies of this letter are also enclosed.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.

By: Jason L. Hornkohl
Registration No. 44,777

Date: August 27, 2001
P.O. Box 1871
Knoxville, TN 37901
(865) 546-4305

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* * * CERTIFICATE OF MAILING * * *

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificates of Corrections Branch, Office of Patent Publication, Assistant Commissioner for Patents, Washington, D.C. 20231

on August 27, 2001
Date

Jason L. Hornkohl

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Patent No : 5,633,811   page 1 / 1

Dated : May 27, 1997

Inventor(s) : Canada et al.

    It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 17, line 50 replace "$Y(z) = X(z) + (1-Z^{-1})^{-3}Q^3(Z)$" with --$Y(z) = X(z) + (1-z^{-1})^3 Q^3(z)$--

Column 23, line 39 replace "$e^{2\pi(f0)/(fs)}$" with --$e^{2\pi(F0)/(Fs)}$-- and replace "f0" with --F0--.

Column 23, line 40 replace "fs" with --Fs--.

Column 24, line 37 replace "$e^{2\pi(f0)/(fs)}$" with --$e^{2\pi(F0)/(Fs)}$-- and replace "f0" with --F0--.

Column 24, line 38 replace "fs" with --Fs--.

Column 30, line 19 replace "$Y(z)=X(z)+(1-Z^{-1})^n Q^n(Z)$" with --$Y(z)=X(z)+(1-z^{-1})^n Q^n(z)$--

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentees:	Canada et al	**Certificate**
Patent No.:	5,633,811	JUN 2 4 2002
Issued:	May 27, 1997	**of Correction**

REQUEST FOR SECOND CERTIFICATE OF CORRECTION

Certificates of Corrections Branch
Office of Patent Publication
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.322, patentee, through their attorneys, respectfully request that a second Certificate of Correction be issued for the above-referenced patent.

The previous correction occurred as a result of a typographical error on the part of the patentee and attorneys and the fee was paid for this correction.

The error noted below occurred in the First Certificate of Correction as a result of a mistake on the part of the Patent and Trademark Office. Please issue a second Certificate of Correction stating:

Column 30,
Line 19 replace "$Y(z) = X(z) + (1-Z^{-1})^n Q^n(z)$" with --$Y(z)=X(z) + (1-z^{-1})^n Q^n(z)$--.

A Certificate of Correction incorporating the above correction is enclosed in duplicate herewith. Note that the superscript, $^{-n}$, is changed to, ^{n}, (the negative sign is removed from the superscript).

Since the mistake was made by the Patent and Trademark Office, a Certificate of Correction should be issued without expense to the patentee, which is respectfully requested.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.
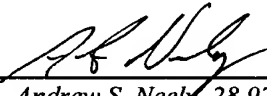
By:

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*** CERTIFICATE OF MAILING ***

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificates of Corrections Branch, Office of Patent Publication, Assistant Commissioner for Patents, Washington, D.C. 20231

on *June 13, 2002*
        Date

Andrew S. Neely 28,979

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

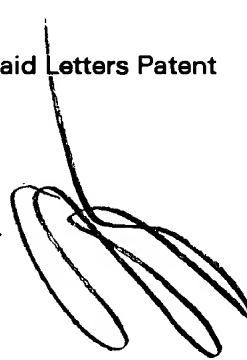Patent No : 5,633,811   page 1of 1

Dated : May 27, 1997

Inventor(s) : Canada et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 30, Line 19
Replace "$Y(z)=X(z) + (1-z^{-1})^{-n}Q^n(z)$" with --$Y(z)=X(z) + (1-z^{-1})^n Q^n(z)$--.

MAILING ADDRESS OF SENDER:

PATENT NO. 5,633,811

No. of additional copies   1

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CERTIFICATE OF CORRECTION

PATENT NO.   : 5,633,811   Page 1 of 1
DATED   : May 27, 1997
INVENTOR(S)   : Canada et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 17,
Line 50 replace "$Y(z) = X(z) + (1-Z^{-1})^{-3}Q^3(Z)$" with --$Y(z) = X(z) + (1-z^{-1})^3 Q^3(z)$ --.

Column 23,
Line 39 replace "$e^{2\Pi(f0))/(fs)}$" with -- $e^{2\Pi(F0)/(Fs)}$ -- and replace "f0" with -- F0 --.
Line 40 replace "fs" with -- Fs --.

Column 24,
Line 37 replace "$e^{2\Pi(f0()/(fs)}$" with -- $e^{2\Pi(F0)/(Fs)}$ -- and replace "f0" with -- F0 --.
Line 38 replace "fs" with -- Fs --.

Column 30,
Line 19 replace "$Y(z) = X(z) + (1-Z^{-1})^{-n}Q^n(Z)$" with -- $Y(z)=X(z) + (1-z^{-1})^{-n}Q^n(z)$ --.

Signed and Sealed this

Fourteenth Day of May, 2002

Attest:

JAMES E. ROGAN
Director of the United States Patent and Trademark Office

Attesting Officer